

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/647,669
Confirmation Number	2142
Filing Date	August 25, 2003
First Named Inventor	Fujio AKAHANE
Art Unit	2853
Examiner Name	Geoffrey S. Mruk
Attorney Docket Number	Q77136

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
G/M		JP	2000-263799	A	9/26/2000	SEIKO EPSON CORPORATION	Abstract
G/M		JP	61-73851	A	4/16/1986	NAT RES INST METALS	Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature

Geoffrey Mruk

Date Considered

5/13/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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GM	GM	JP	2000-263799	A	09-26-2000	SEIKO EPSON CORP	—
GM	GM	JP	55-014283	A	01-31-1980	SEIKO EPSON CORP	—

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	<i>Duffy Mark</i>	Date Considered	5/9/2005
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